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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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|                               |                          |
|-------------------------------|--------------------------|
| <b>Application Number</b>     | 10/549,950               |
| <b>Filing Date</b>            | September 20, 2005       |
| <b>First Named Inventor</b>   | Charles H. Winter et al. |
| <b>Group Art Unit</b>         | 2818                     |
| <b>Examiner Name</b>          | Unknown                  |
| <b>Attorney Docket Number</b> | WSU 0200 PUSA            |

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|-----------------------|------------------|--------------------|------------|
| Examiner<br>Signature | /Anthony Zimmer/ | Date<br>Considered | 09/25/2008 |
|-----------------------|------------------|--------------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible <sup>4</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.Z./

Substitute for Form 1449B/PTO

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Sheet 2 of 3

**Complete if Known**

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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|-------------------|-----------------------|---|----------------|
|                   |                       | "Surface and Size Effect on the Lattice Parameter in Small Particles of Gold and Platinum", C. Solliard & M. Flueli, SURFACE SCIENCE, 156, 1985, pgs. 487-494   |                |
|                   |                       | "Dependence of Lattice Parameters", J. Woltersdorf et al., SURFACE SCIENCE, pgs. 65-69  |                |
|                   |                       | "Hyperfine Interactions in Stripped Atoms Isoelectronic with Alkali Atoms", S.N. Ray, James E. Rodgers & T.P. Das, THE AMERICAN PHYSICAL SOCIETY, Volume 13, Number 6, June 1976  |                |
|                   |                       | "The Melting of Small Particles of Lead and Indium", C.J. Coombes, JOURNAL OF PHYSICS F - METAL PHYSICS, Volume 2, 1972, pgs. 440-448   |                |
|                   |                       | "Melting Behavior of Nanocrystalline Aluminum Powders", J. Eckert, J.C. Holzer, C.C. Ahn, Z. Fu and W.L. Johnson, NANOSTRUCTURED MATERIALS, Vol. 2, 1983, pgs. 407-413  |                |
|                   |                       | "The Size Dependence of the Melting Point of Small Particles of Tin", C.R.M. Wronski, BRITISH JOURNAL OF APPLIED PHYSICS, Volume 18, January to December 1967, pgs. 1731-1737   |                |
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|                   |                       | "Condensation of Ordered nanocrystal Thin Films", Brian A. Korgel & Donald Fitzmaurice, PHYSICAL REVIEW LETTERS, Volume 80, Number 16, 20 April 1998, pgs. 3531-3534  |                |
|                   |                       | "The Cracking and Decohesion of Thin Films", A.G. Evans, M.D. Drory & M.S. Hu, JOURNAL OF MATERIALS RESEARCH, Volume 3, Number 5, September/October 1988, pgs. 1043-1049  |                |
|                   |                       | "Spin-On Cu Films for Ultralarge Scale Integrated Metallization", Hirohiko Murakami et al., JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B, 17(5), Sep/Oct 1999, pgs. 2321-2324   |                |
|                   |                       | "Chemical Vapor Deposition of Copper for Multilevel Metallization", Alain E. Kaloyeros & Michael A. Fury, MATERIAL RESEARCH SOCIETY BULLETIN, Volume XVIII, Number 6, June 1993, pgs. 22-28   |                |

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